A2560-2

Paper Paperboard & Wood Pulp

MONTHLY STATISTICAL SUMMARY - Vol. 63 - No. 3 MARCH, 1985

PAPER AND PAPERBOARD PRODUCTION: A PAUSE IN GROWTH

The seasonally adjusted rate of paper and paperboard production in the first two months of 1985 averaged 68.7 million tons per year, equalling the record-high rates of the comparable year-ago period. Paper production, at 35.0 million tons per year, was up by 1.4%; paperboard down by 1.4%. The unadjusted totals for the first two months of 1985 were below those of the comparable 1984 period, because of the extra leap year day in 1984. The two-month 1985 actual total was down 1.5%, with paper off by 0.2% and paperboard by 2.8%.

Weekly data for March suggest that the seasonally adjusted rate of production in the first quarter of 1985 was 68.1 million tons per year, about 0.2% below the first quarter 1984 rate. The unadjusted total for the first quarter of 1985 was 1.3% below 1984, with paper off by 0.2% and paperboard down by 2.4%. The trend rate of production during the first three months of 1985 has been downward, with the estimated trend position of production in March (the February-March average of the seasonally adjusted production rates) at 67.2 million tons per year.

Paper: The major sectors of strength in paper production for the first two months of 1985 have been in newsprint (up 0.5%), coated papers (up 3.8%), uncoated free sheet papers (up 0.4%) and tissue papers (up 1.9%). The strength in demand for coated papers in the first quarter reflected continued increases in use of these papers in magazine and other periodical publishing, book publishing and commercial printing. In the uncoated free sheet grades, demand was higher both in printing and bond and writing paper grades, with shipment of form bond papers retreating from the record-high rates of a year ago, probably reflecting lower inventory demand.

Continued on Page 2

Continued from Page 1

The packaging and industrial grades of paper, by way of contrast, were down by 6.5%, reflecting weakness in multiwall sack papers, wrapping papers and bag and sack papers other than grocers. The January-February 1985 grocers bag and sack total held close to its year-ago level, pointing to the stable demand and the successful efforts in meeting competition from plastic sacks.

Paperboard: The 2.8% decline in the production of paperboard in the first two months of 1985 relative to its year-ago level was experienced in all grades. Declines ranged from 2.2% posted by the bleached kraft (SBS) grades to the 3.1% shown by tge recycled grades.

Most of the weakness occurred in the export and non-packaging grades. Production of paperboard for export in the first two months of 1985 was at the rate of about 2 million tons per year, down 22% from its year-ago rate. Kraft linerboard production for export showed a major decline of 25.9%, with production of solid bleached paperboard for export down by 15%. Among the non-packaging grades of paperboard, production of gypsum wallboard facings was down by 12%, reflecting changes in the housing market.

Among the packaging grades, production of containerboard for domestic use (largely linerboard and semi-chemical corrugating medium) was 0.9% below its year-ago total in the first two months of 1985. This trend was consistent with the decline of 0.8% in box shipments over this same period. Inventories of containerboard at paperboard mills and fibre box plants, which had shown a sharp increase in both December 1984 and January 1985, declined in February. At the box plant level, the March 1, 1985 level of inventories was equivalent to 6.1 days of supply, compared to 5.7 days one year earlier and a high to 6.6 days of supply as of August 1, 1984. The December-January increases in inventories were largely concentrated at paperboard mills, and reflected in part newly-counted mill inventories held at outside warehouses.

Production of boxboard for domestic use held up fairly well in the first two months of 1985, with the total about 1.3% over its year-ago level. Recycled folding boxboard was particularly strong, showing a 3.5% gain, with the important clay coated sector up 3.9%. Total solid bleached folding boxboard was off by 1.3%, with the clay coated grades down by 0.7%. These 1985 rates suggest that the strong gains in usage of folding boxboard evident in 1983 and 1984 reflect permanent shifts toward use of paperboard in some major markets for these products. Among these markets are the largely non-durable goods, such as food, drugs, cosmetics, beer, soft drinks, apparel, etc. Production gains are still being recorded in these categories. (see attached Industry Data Sheet).

Continued on Page 11

PAPER AND PAPERBOARD STATISTICS

PRODUCTION, SHIPMENTS AND ORDERS
(Thousands of Short Tons)

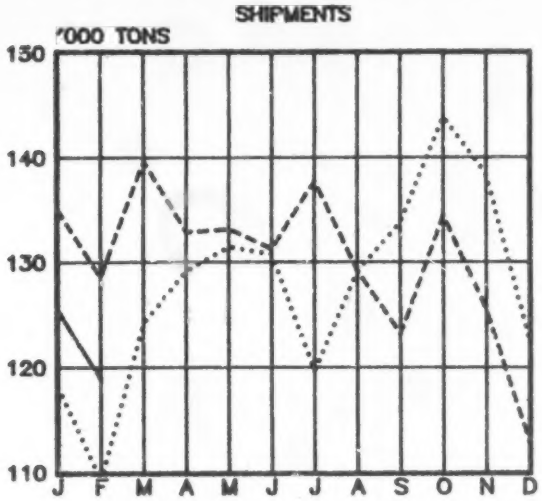
	YEAR 1983	YEAR 1984	NOV. 1984	DEC. 1984	JAN. 1985	FEB. 1985	Annual Rate Y-T-D 1985	% Change From same Period Last Year
PAPER								
Newsprint - Production	5167	5539	460	429	469	447	5495	0.5
- Shipments	5153	5584	466	431	457	446	5417	-0.9
Printing & Writing sum	17387	18406	1512	1427	1600	1484	18502	1.0
Groundwood Paper - Shipments	1531	1564	126	113	125	119	1366	-7.3
- New Orders	1581	1599	112	124	139	101	1440	-17.2
-Unfilled Orders	145	164	153	164	161	137	137	-13.0
Coated Papers - Shipments	5696	6227	527	504	561	498	6354	3.8
- New Orders	5864	6171	542	516	553	453	6037	-1.7
- Unfilled Orders	513	587	577	587	563	532	532	-2.4
Unctd Free Sheet - Shipments	8767	9148	747	693	794	751	9271	0.4
- New Orders	9076	8879	733	693	778	764	9247	4.2
- Unfilled Orders	687	431	427	431	413	430	430	-31.9
Thin Papers - Shipments	328	338	26	25	29	28	341	2.9
Cotton Fiber Paper - Shipments	131	142	11	11	12	11	136	-5.0
Bleached Bristols - Production	934	989	76	81	78	77	934	3.5
Tissue Paper - Production	4789	4921	420	420	417	397	4882	1.9
Total Packaging & Other Paper	5497	5557	428	387	456	434	5337	-6.5
Unbl. Kraft Paper - Shipments	3666	3667	289	256	302	293	3573	-3.9
Other Paper - Production	1832	1889	139	131	153	141	1764	-11.4
TOTAL PAPER-Production-Unadj. *	32840	34422	2820	2663	2941	2762	34216	-0.2
-Production-S.A. *			2840	2648	2955	2882	35021	1.4
PAPERBOARD - PRODUCTION								
Solid Wood Pulp Furnish	24779	26401	2128	1928	2152	2000	24908	-2.7
Unbl. Kraft Linerboard (1)	15001	16032	1309	1154	1316	1193	15054	-2.6
Production for Export	2281	1975	112	126	110	117	1361	-25.9
Other Unbl. Kraft Paperboard	1121	1147	82	77	90	89	1071	-5.3
Semichemical Paperboard	4731	5162	411	392	417	400	4902	-2.8
Production for Export	193	151	16	11	9	19	164	5.8
Solid Bleached Paperboard	3926	4059	326	305	328	319	3881	-2.2
Production for Export	515	470	37	37	41	29	419	-15.4
Recycled Paperboard	7398	7858	627	567	686	611	7783	-3.1
Production for Export	24	21	2	4	2	2	18	22.0
TOTAL PAPERBOARD-Prod.-Unadj. *	32177	34259	2755	2495	2837	2611	32691	-2.8
- Containerboard Prod.(Dom. Use)	19173	20930	1730	1538	1776	1602	20268	-0.9
- Boxboard Prod.(Dom. Use) (2)	5551	5908	486	435	503	484	5923	1.3
- All Other P'bd Prod.(D.U.) (2)	4441	4804	373	344	397	360	4537	-5.9
- Total Paperbd Prod. for Export	3012	2617	166	178	161	166	1963	-21.6
TOTAL PAPERBOARD PROD.- S.A. *			2760	2919	2861	2760	33726	-1.4
TOTAL PAPER AND PAPERBOARD								
Production - actual *	65017	68681	5575	5158	5778	5373	66907	-1.5
Production - S.A. *			5600	5766	5816	5641	68747	.0

(1)Includes all exports of kraft paperboard.
(2)Data for unbl. kraft folding boxboard incl. in All Other P'bd.
* NOTE: Year 1984 contains one more day than year 1983.

P Preliminary
R Revised
S.A. Seasonally Adjusted

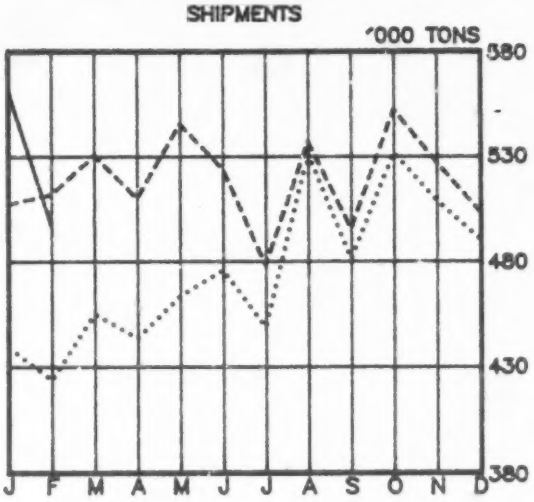
GROUNDWOOD PAPER, UNCOATED

SHIPMENTS



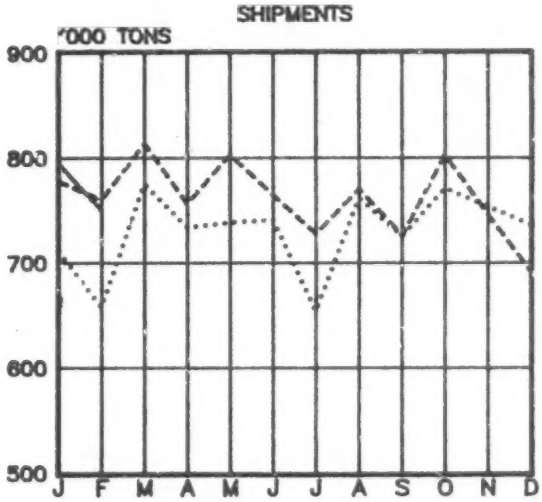
COATED PAPER

SHIPMENTS



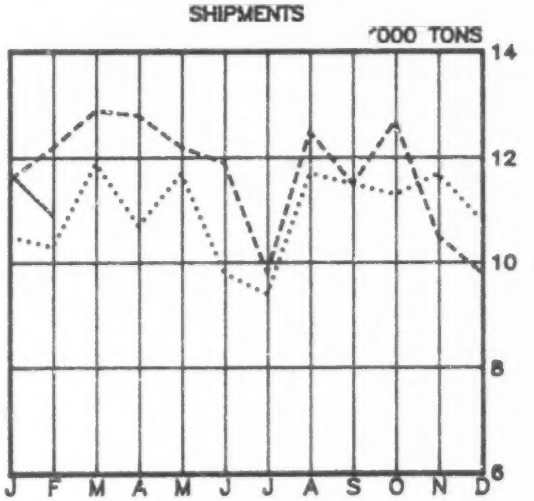
UNCOATED FREE SHEET PAPERS

SHIPMENTS



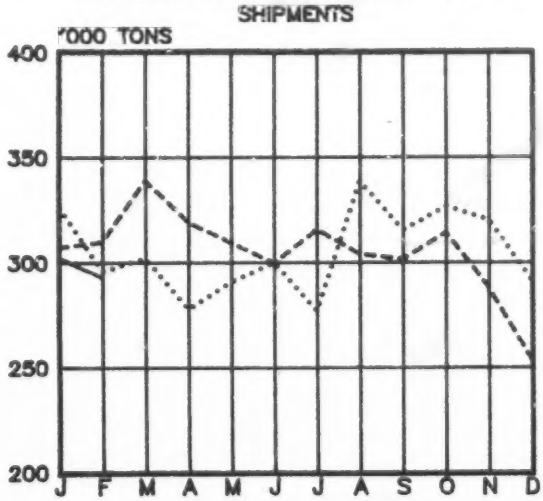
COTTON FIBER PAPER

SHIPMENTS



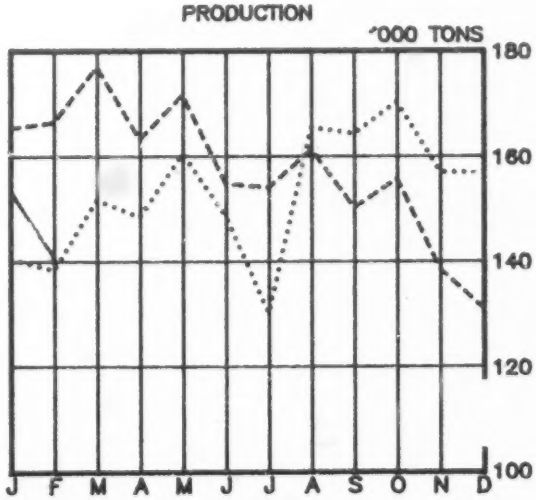
UNBLEACHED KRAFT PACKAGING AND INDUSTRIAL CONVERTING PAPER

SHIPMENTS



OTHER PAPER

PRODUCTION



1983 ····· 1984 - - - - - 1985 ——

WOOD PULP STATISTICS
(Thousands of Tons)

	YEAR 1983	YEAR 1984	OCT 1984	NOV 1984	DEC 1984	JAN 1985	Annual Rate Y-T-D 1985	% Change from same Period Last Year
TOTAL WOOD PULP					R	P		
Total Wood Pulp - Production	52537	55549	4765	4496	4340	4595	55139	2.1
- Imports	4093	4490	344	415	416	313	3753	-7.1
- Exports	3644	3594	284	274	311	301	3610	15.9
- New Supply	52986	56445	4825	4637	4444	4607	55282	0.6
Dissolving Pulp - Production	1261	1206	103	101	87	86	1034	-11.8
- Imports	192	161	9	8	18	6	69	-61.4
- Exports	647	595	48	28	65	53	641	2.6
- New Supply	806	772	64	81	40	39	463	-36.4
Paper Grades - Production	42358	44709	3839	3632	3476	3733	44791	3.9
Chemical Pulp - Imports	3706	4023	323	359	361	300	3601	-1.2
- Exports	2958	2945	232	241	242	245	2946	19.9
- New Supply	43106	45787	3930	3750	3595	3787	45446	2.6
Groundwood and - Production	5067	5534	462	436	447	452	5422	-2.2
Thermo-Mech. - Imports	195	306	11	48	37	7	83	-63.6
- Exports	40	54	4	4	4	2	23	-32.2
- New Supply	5222	5786	469	480	480	457	5481	-4.4
Semi-Chemical - Production	3851	4100	361	326	330	324	3892	-6.9
- Imports			- - - - - Included in Groundwood Pulp - - - - -					
- Exports								
- New Supply	3851	4100	361	326	330	324	3892	-6.9
MARKET WOOD PULP								
Total Market - Production	6478	6891	635	585	548	579	6949	5.0
Wood Pulp - Imports	2945	3256	250	283	311	252	3024	9.2
- Exports	3421	3511	248	253	319	223	2676	-16.0
- New Supply	6002	6636	637	615	540	608	7298	17.7
Dissolving Pulp - Production	1260	1197	103	101	86	86	1034	-11.5
- Imports	210	204	13	11	20	10	120	-50.4
- Exports	698	690	42	52	69	27	323	-43.1
- New Supply	772	710	74	60	38	69	831	-1.4
Paper Grades - Production	5206	5680	531	483	461	492	5903	8.5
Chemical Pulp - Imports	2698	2952	229	248	272	238	2853	16.4
- Exports	2723	2821	207	201	250	196	2352	-10.2
- New Supply	5181	5812	553	530	482	534	6404	21.5
Groundwood Pulp - Production	12	13	1	1	1	1	12	42.9
and All Other - Imports	38	100	8	24	19	4	52	-32.8
- Exports	0	0	0	0	0	0	1	0.0
- New Supply	50	114	10	25	20	5	62	-26.8

SOURCES: Total Wood Pulp Production & Market Wood Pulp Production, Imports & Exports - Pulp Division, Pulp, Materials and Technology Group, API. Total Wood Pulp Imports & Exports - Department of Commerce.

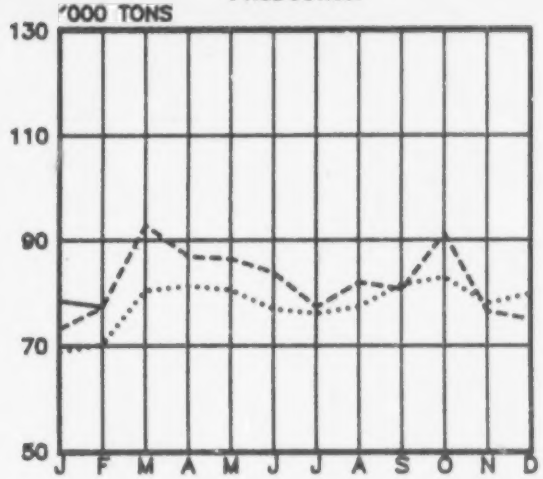
FIBROUS RAW MATERIALS
(Thousands of tons)

CONSUMPTION AT PAPER & PAPERBOARD MILLS					R	P		
Total	67286	71348	6049	5838	5615	6052	72623	3.7
Total Wood Pulp	52590	55628	4668	4514	4407	4731	56767	4.1
Waste Paper	14696	15720	1381	1324	1208	1321	15857	7.3
INVENTORIES								
Own Use Wood Pulp at Pulp Mills	170	174	164	161	174	166	166	8.6
Market Pulp at Pulp Mills	384	585	502	591	585	666	666	65.6
Mkt Pulp at Ppr. & Bd. Mills *	504	484	474	470	484	667	667	22.8
Waste Paper at Paper &Bd. Mills	920	1025	976	993	1025	1036	1036	14.1
Days of Supply at Pulp Mills of Chemical Paper Grade Mkt Pulp	26	50	34	42	50	50	50	78.6

SOURCES: Wood Pulp Data, Pulp Division, Pulp, Materials and Technology Group, API. Waste Paper Data, Paper Recycling Committee, API.
* - Census data prior to 1982; P - Preliminary; R - Revised; (0) - Indicates zero to five-hundred short tons

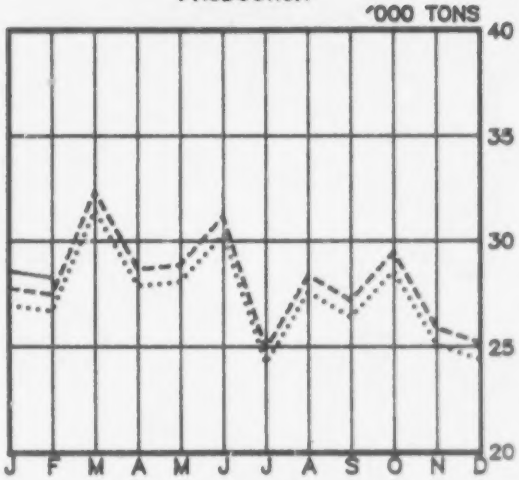
BLEACHED BRISTOLS

PRODUCTION



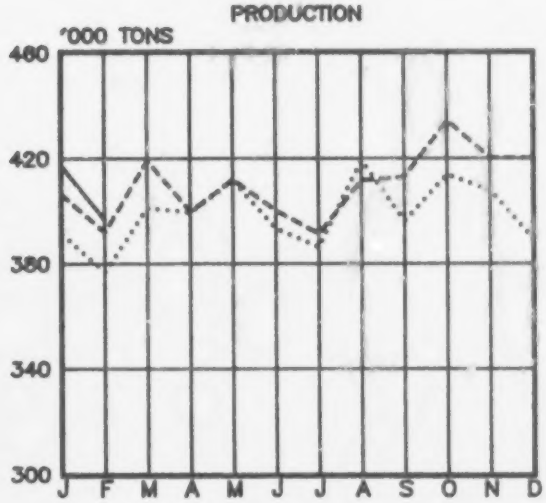
THIN PAPER

PRODUCTION



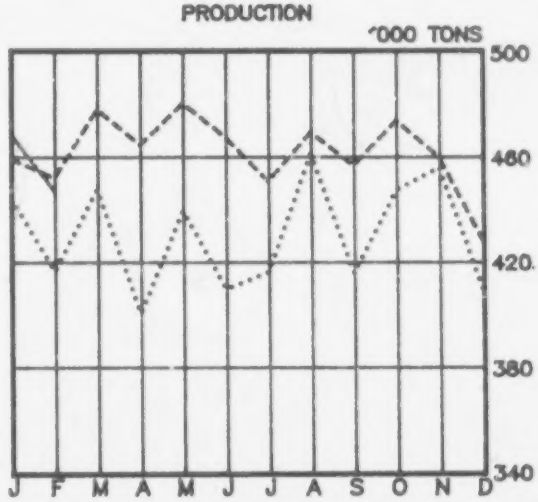
TISSUE PAPER

PRODUCTION



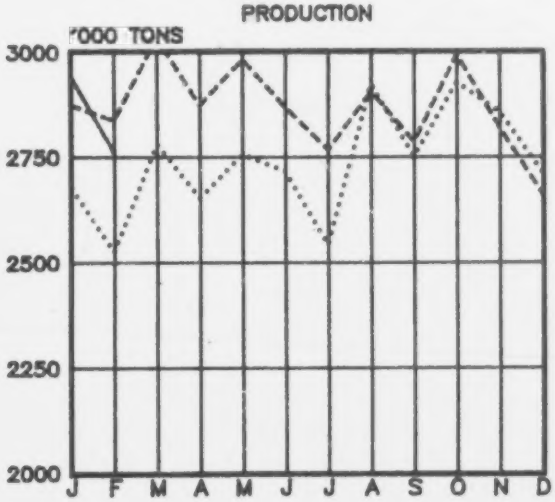
NEWSPRINT

PRODUCTION



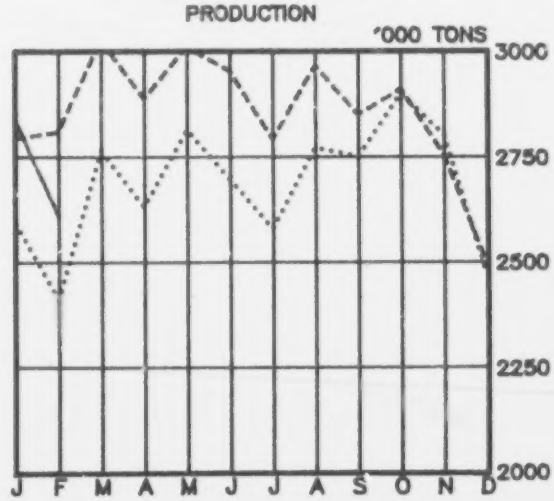
TOTAL PAPER

PRODUCTION



TOTAL PAPERBOARD

PRODUCTION



1983 ····· 1984 - - - - - 1985 ——

F I B R O U S R A W M A T E R I A L S

(Thousands of Standard (128 cubic foot) Cords)

		YEAR 1983	YEAR 1984	OCT. 1984	NOV. 1984	DEC. 1984	JAN. 1985	Annual Rate Y-T-D 1984	% Change from same Period Last Year
PULPWOOD									
Total U.S.	- Total Receipts	84475	88248	7971	6996	7000	7407	88884	5.2
	- Total Consumpt	85442	87646	7625	7153	6875	7413	88956	4.6
	- Residues *	32755	32072	2844	2568	2427	2425	29100	-5.1
	- Inventories	5229	5574	5475	5314	5574	5552	5552	7.4
So. Atlantic	- Total Receipts	25736	27654	2702	2372	2281	2354	29248	12.4
	- Total Consumpt	25847	27344	2569	2323	2182	2325	27900	8.1
	- Residues *	7904	8198	770	682	638	628	7536	-3.4
	- Inventories	1163	1444	1366	1333	1444	1478	1478	14.2
Northeast	- Total Receipts	7051	7435	698	611	616	690	8280	1.5
	- Total Consumpt	7274	7474	670	560	613	682	8184	0.6
	- Residues *	1199	1501	136	126	147	123	1476	16.0
	- Inventories	577	590	531	545	590	606	606	1.2
South Central	- Total Receipts	29409	30693	2627	2310	2492	2503	30036	6.6
	- Total Consumpt	29152	30502	2511	2529	2444	2571	30852	8.0
	- Residues *	9218	9059	821	749	705	747	8964	6.3
	- Inventories	1536	1304	1354	1287	1304	1186	1186	-20.7
North Central	- Total Receipts	6265	6859	572	523	513	697	8364	12.2
	- Total Consumpt	6343	6563	543	532	467	559	6708	-2.6
	- Residues *	1822	1472	119	116	91	126	1512	23.5
	- Inventories	851	906	883	848	906	1016	1016	12.1
West	- Total Receipts	16014	15607	1372	1180	1098	1163	13956	-13.5
	- Total Consumpt	16826	15763	1332	1209	1169	1276	15312	-9.0
	- Residues *	12612	11842	998	898	846	801	9612	-19.3
	- Inventories	1102	1330	1341	1301	1330	1266	1266	17.3

* - Consumption of Residues in Cord Equivalents. SOURCE: American Pulpwood Association 02-Apr-85

U N I T E D S T A T E S T R A D E W I T H C A N A D A

IMPORTS FROM CANADA

	YEAR 1984 Tons	YEAR 1984 $000's	DEC. 1984 Tons	DEC. 1984 $000's	JAN. 1985 Tons	JAN. 1985 $000's	Annual Rate Y-T-D 1985	% Change from same Period Last Year
Pulpwood, Roundwood (in cords of 128 cubic feet)	207520	10591	12251	570	10768	531	129216	-6.8
Pulpwood chips	2061270	45353	129458	2981	105297	2511	1261564	-29.7
Wood Pulp, Total	4059913	1678908	341730	138877	294679	118715	3536148	-10.2
Waste Fibrous Materials, Total	151957	25187	9036	1142	2190	11927	26276	-81.3
Paper, Board & Products, Total	9401285	4048656	759989	339676	745031	333618	8940373	-3.8
Paper, Paperboard,Wet Machine Bd. & Constr. Paper & Bd.	9330954	3927255	753392	330669	739587	325367	8875038	-3.9
Paper, Paperboard & Products	8948073	3946094	736807	334210	726545	329435	8718519	-3.2
Paper & Paperboard, Only	8877742	3824684	730210	325203	721100	321184	8653204	-3.3
Paper, Total	8662094	3762205	712297	320133	710781	318317	8529367	-2.0
Newsprint	7681341	3224596	625038	272778	633702	276074	7604424	-2.5
Printing, Writing & Rel. Pap.	852879	457438	76772	40833	65170	35313	782040	-1.4
Pack. & Ind. Conv. Paper	101131	59408	6745	4043	8766	4829	105194	11.4
Special Industrial Paper.	3232	5437	254	387	205	307	246'	-9.4
Tissue Paper	23512	15326	3487	2092	2937	1793	35248	242.3
Paperboard, Total	215648	62479	17913	5070	10320	2867	123836	-49.4
Convtd Paper&Paperbd Products	70331	121401	6597	9007	5445	8252	65335	7.7
Wet Machine Board	2098	1426	55	37	93	69	1115	-53.1
Construction Paper & Board	451113	101146	23128	5429	18393	4114	220720	-23.0

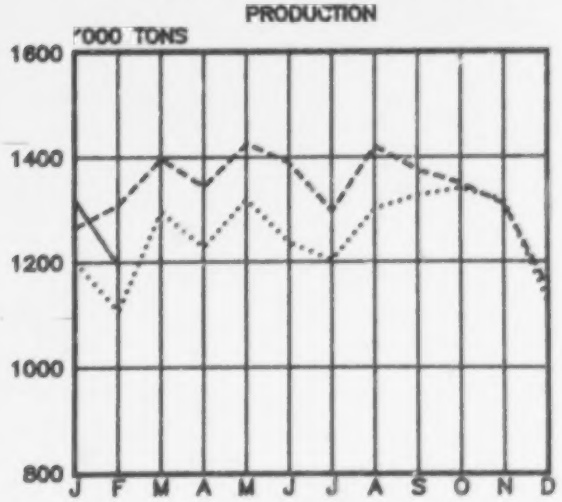
EXPORTS TO CANADA

Pulpwood, Roundwood (in cords of 128 cubic feet)	95117	5698	11527	691	2548	161	30576	-27.9
Pulpwood chips	28445	1544	1401	91	3636	247	41612	376.5
Wood Pulp, Total	180850	82653	16489	7528	14055	6190	168660	-11.7
Cotton Pulp & Other Pulp	10474	6605	751	479	2470	552	29640	95.9
Waste Paper	325712	37937	20089	2277	21899	2699	262788	-11.2
Paper, Board & Products, Total	756499	524570	63809	35389	57125	43433	685496	-2.0
Paper, Paperboard,Wet Machine Bd. & Constr. Paper & Bd.	569696	358082	54152	25411	45821	31382	569854	15.5
Paper, Paperboard & Products	726888	511454	61968	34504	55160	42503	661924	-1.9
Paper & Paperboard, Only	540085	344966	52311	24526	43857	30452	526282	16.6
Paper, Total	296791	245610	28654	16997	23053	21038	276641	9.1
Newsprint	4493	3678	293	238	352	194	4226	0.7
Printing, Writing & Rel. Pap.	137839	125802	10837	9444	12203	11724	146435	0.5
Pack. & Ind. Conv. Paper	46661	28918	4288	2135	5098	2808	61178	97.1
Special Industrial Paper	104039	85328	12990	4895	5184	5998	62212	-11.4
Tissue Paper	3758	3883	246	284	216	314	2590	7.0
Paperboard, Total	243294	99357	23657	7529	20803	9414	249641	26.3
Convtd Paper&Paperbd Products	186803	166488	9657	9978	11304	12051	135642	-39.1
Wet Machine Board	5312	3707	589	451	497	379	5958	153.6
Construction Paper & Board	24299	9409	1252	435	1468	551	17615	-21.5

SOURCE: Bureau of Census, Department of Commerce . E - Estimate of tonnage based on square foot data

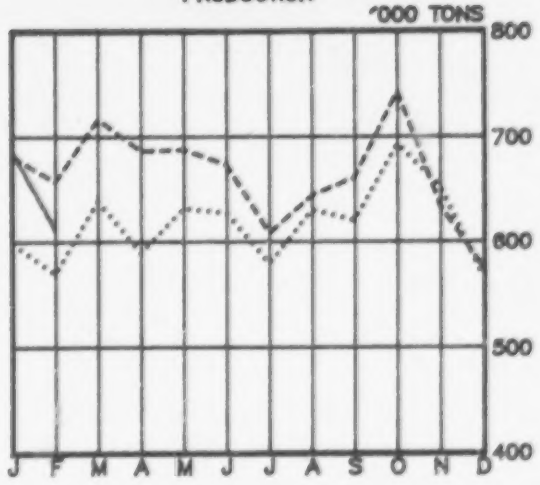
UNBLEACHED KRAFT LINERBOARD

PRODUCTION



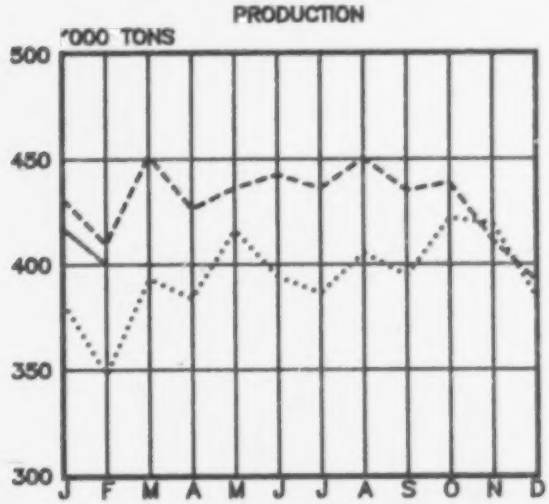
RECYCLED PAPERBOARD

PRODUCTION



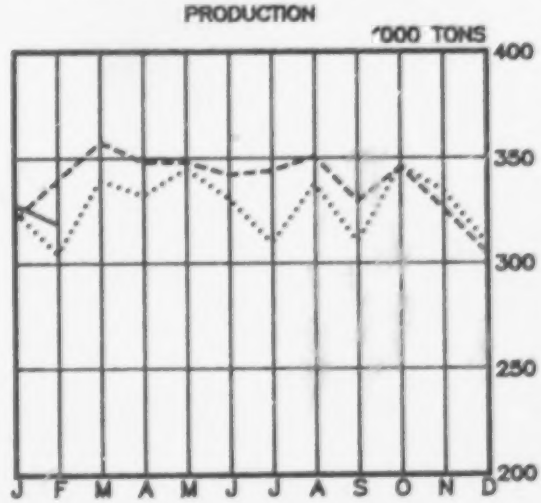
SEMICHEMICAL PAPERBOARD

PRODUCTION



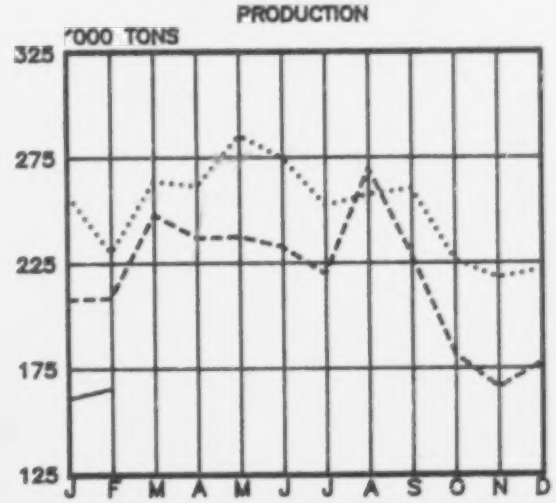
SOLID BLEACHED PAPERBOARD

PRODUCTION



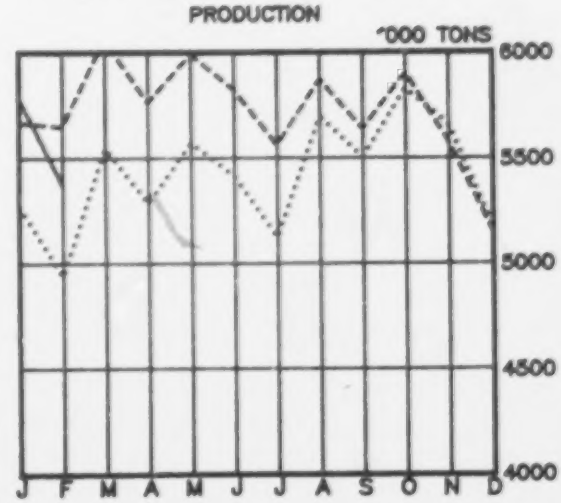
PAPERBOARD FOR EXPORT

PRODUCTION



TOTAL PAPER AND PAPERBOARD

PRODUCTION



1983 ····· 1984 ----- 1985 ——

IMPORTS

	YEAR 1984 Tons	$000	DEC 1984 Tons	$000	JAN 1985 Tons	$000	(1) Annual Rate Y-T-D 1985	% Change from same Period Last Year
Pulpwood Roundwood (cords)	207733	10615	12251	570	10768	531	129216	-6.8
Pulpwood Chips	2062545	45396	129465	2982	105314	2513	1263768	-29.7
Total All Imports	15739471	7204351	1269216	584250	1245400	590052	14944796	0.7
Wood Pulp Total	4490081	1844768	415679	167622	312733	125251	3752796	-7.3
Waste Paper	109712	11692	8275	913	5591	655	67092	-29.9
Other Fibrous Materials	64367	24097	2521	1257	8215	2510	98580	66.6
Paper Board & Products Total	11075312	5323794	842742	414459	919861	461636	11026328	3.7
Paper Paperboard Wet Machine Bd. & Construction Paper & Board	10854312	4781475	825745	377146	899368	418503	10792416	3.3
Paper Ppbd & Prds ex Cnst&WMB	10575656	5207697	817059	407947	895723	455852	10748676	4.2
Paper & Paperboard Only	10354656	4665378	800062	370634	876230	412718	10514764	3.8
Paper Total	10112041	4591486	780700	364571	862879	408575	10354550	5.0
Newsprint	7893877	3299570	637211	277714	668178	291688	8018136	0.8
Printing & Writing	2042368	1168989	131114	78100	178585	106033	2143025	24.1
Uncoated Groundwood	1090049	548791	69558	36668	96894	49480	1162722	32.7
Coated Print.& Impreg. Pap.	428274	295844	37281	26030	53718	39573	644616	120.4
Uncoated Free Sheet	476950	284057	22044	13308	26171	15235	314351	-37.1
Uncoated Book	254926	156296	14310	8438	13598	7835	163175	-42.6
Writing and Similar Paper	222024	127761	7734	4870	12573	7401	150876	-30.6
Thin (except Cigarette)	46427	39513	2158	1997	1696	1675	20348	-64.1
Bristols	667	784	72	97	107	70	1288	81.9
Total Pkg & Other Paper	145484	102565	8818	6588	12900	8774	154798	-7.3
Unbleached Kraft Paper	42854	19568	1716	915	3669	1476	44032	-17.9
Other Pkg. & Indust. Paper	102629	82997	7101	5673	9231	7298	110766	-2.3
Tissues	30312	20362	3557	2169	3216	2081	38592	256.5
Paperboard, Total	242615	73892	19362	6063	13351	4143	160213	-40.7
Test or Containerboard	70028	22218	5222	1754	3497	1125	41966	-41.1
Semi-Chemical Corrugating	103968	26098	10844	2769	3643	891	43717	-64.5
Other Paperboard	68620	25576	3297	1540	6211	2127	74530	-1.4
Convtd Paper&Paperbd Products	221000	542319	16997	37313	19493	43134	233912	25.8
Paper Products, Total	186199	474151	14415	33055	17249	38961	206986	29.6
Paperboard Products, Total	34800	68168	2581	4258	2244	4173	26927	2.2
Wet machine Board	2826	2017	95	61	233	171	2796	-10.4
Construction Paper & Board	496830	114080	25588	6451	22905	5614	274856	-12.4
Notes								
Other: No Weight Avail. ($000)		195737		12508		16358	196296	0.6
Total Imports Incl. Other($000)		7400088		596758		606410	7276918	10.3

EXPORTS

							(1)	
Pulpwood, Roundwood (cords)	95441	5714	11527	691	2548	161	30576	-27.9
Pulpwood Chips	2325213	164058	198036	16111	185368	13413	2224416	-19.6
Total All Exports	11300450	4524778	917628	350652	942586	372092	11311027	8.1
Wood Pulp,Total	3593585	1501948	311400	131549	300818	121968	3609816	15.9
Cotton Pulp and Other Pulp	84883	63545	8732	6726	10474	5908	125688	12.8
Waste and Old Paper	3235441	408128	290603	34715	284450	32453	3413400	8.7
Paper, Board & Products,Total	4386541	2551157	306893	177662	346844	211763	4162123	1.6
Paper,Paperboard,Wet Machine Bd. & Construction Paper & Board	3818804	1789129	269121	124311	301853	148562	3622241	3.7
Paper, Ppbd & Prod ex Cnst&WMB	4308873	2507184	300799	173641	340775	207853	4089234	1.7
Paper & Paperboard, Only	3741136	1745156	263027	120290	295784	144652	3549412	3.8
Paper, Total	810547	632490	70305	47763	67060	50530	804724	7.1
Newsprint	306198	133964	21167	8916	27947	11569	335362	17.5
Printing & Writing	203156	219922	16041	17246	17606	18546	211266	-0.9
Uncoated Groundwood	30405	28875	2891	2529	3391	3193	40697	72.5
Clay Coated Paper	85714	71365	6477	5410	6724	5892	80692	-20.5
Uncoated Free Sheet	65410	87255	5412	6871	6082	7323	72980	11.6
Other Printing & Writing	21627	32427	1261	2436	1408	2138	16897	-25.7
Total Pkg. & Other Paper	284185	259323	31896	20148	20775	19295	249294	3.7
Unbleached Kraft	106712	44382	9249	4321	7544	3363	90533	-12.5
Other Pkg. & Indust. Paper	177473	214941	22647	15827	13230	15932	158761	16.0
Tissue	17009	19281	1202	1453	734	1121	8802	-28.4
Paperboard, Total	2930588	1112666	192721	72527	228724	94123	2744688	2.9
Solid Wood Pulp	2761732	1040239	175184	67228	214643	86532	2575711	1.6
Total Linerboard	2052523	626716	118940	39000	154920	50801	1859045	-0.2
Bleached Kraft Linerboard	141367	57788	18442	6265	14240	7738	170879	-6.6
Unbleached Kraft Linerbd	1911155	568928	100497	32735	140681	43064	1688166	0.5
Other Unbleached Kraft	110878	51270	4209	2073	6879	3301	82547	-40.0
Other Bleached Kraft	548721	350033	37438	25006	47494	30871	569926	9.6
Semi-Chemical Corrugating	49612	12220	14599	1149	5350	1559	64194	297.4
Recycled Paperboard	168856	72427	17537	5299	14081	7591	168977	27.7
Convtd Paper&Paperbd Products	567737	762028	37772	53351	44990	63200	539882	-10.4
Paper Products, Total	286403	516149	17926	36646	20012	40797	240139	-22.3
Paperboard Products, Total	281334	245879	19846	16705	24979	22404	299743	2.0
Wet Machine Board	13782	7335	1434	796	1012	580	12144	21.8
Construction Paper & Board E	63887	36638	4661	3225	5057	3330	60685	-7.0
Notes								
Other: No Weight Avail. ($000)		8843		662		653	7835	76.5
Total Exports Incl. Other($000)		4533621		351314		372745	4472939	9.5

SOURCE: Bureau of Census, U.S. Department of Commerce. E - Incl. estim. of tonnage based on square foot data.
(1) Annual Rate Year-To-Date is in tons unless otherwise specified in item description.

PRODUCER PRICE INDEXES
1967 = 100

	1983	1984	NOV.	DEC.	JAN.	FEB.	Annual Rate Y-T-D 1985	% Change from same Period Last Year
Pulp, Paper and Products except Building Grades	271.4	292.9	299.4	298.4	297.8	297.4	297.6	5.5
Pulp Paper & Products, ex. Building Grades & ex Waste Paper *	273.3	293.8	300.7	300.0	299.6	299.2	299.4	5.8
Total Wood Pulp	347.1	395.0	398.4	392.7	383.5	368.4	376.0	1.9
Total Paper	282.3	303.2	308.2	307.1	307.0	304.7	305.9	3.5
Total Paper, exc. Newsprint	277.0	301.2	303.6	302.2	303.0	299.7	301.4	1.8
Newsprint	303.0	324.1	336.9	336.9	336.9	332.4	334.7	8.1
Total Paperboard	250.8	280.6	293.4	292.4	288.9	287.8	288.4	8.5
Total Paper and Paperboard *	272.4	296.1	303.6	302.5	301.3	299.4	300.4	5.0
Converted Products	265.4	280.7	288.1	288.0	289.0	291.0	290.0	7.2
Waste Paper	158.6	240.1	221.4	206.0	190.8	192.6	191.7	-13.0
All Commodities	303.1	310.4	310.4	309.9	309.8	309.2	309.5	0.4
Industrial Commodities	315.7	322.6	323.8	323.0	323.2	322.5	322.9	1.0

SOURCE: Producer Price Indexes: Bureau of Labor Statistics, U.S. Department of Labor * Computed by API

IMPORTS OF WOOD PULP, OTHER FIBERS, PAPER, PAPERBOARD AND PRODUCTS: 1984

Grade	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	Year
	Million Short Tons				
Total - All Imports	3,740	3,901	4,174	3,925	15,740
Wood Pulp	1,099	1,085	1,132	1,175	4,491
Other Fibers	43	50	43	39	174
Paper, Paperboard and Products*	2,599	2,765	2,999	2,712	11,075
Paper	2,737	2,537	2,724	2,478	10,112
Paperboard	70	56	62	55	243
Products	48	54	62	58	221
Const. & Oth.	107	119	152	122	500

* Includes construction and wet machine board grades.

Note: Data not adjusted for seasonal variations.

Continued from Page 2

Imports of wood pulp, paper, paperboard and products in January 1985 held close to the December 1984 level. During the second and third quarters of last year imports were in a generally rising trend, peaking in July at a total, including waste paper and other miscellaneous fibrous materials, of 1.4 million tons. However, imports trended downward in the fourth quarter.

The table on page 10 shows the quarterly totals for the major import groups and clearly outlines the trends of the major groups during the course of the year. The table shows that wood pulp imports continued to rise throughout the year, while imports of paper, paperboard and products each peaked in the third quarter. These data are not adjusted for seasonal variations.

Imports of wood pulp fell sharply in January 1985 to 313,000 short tons, 7.3% below their year-earlier total. Paper and paperboard imports, however, were 5% over their year-ago level, with newsprint imports up to 0.8% and above the rate of 8 million tons per year (see page 9). At this rate, newsprint imports accounted for 60% of the total new supply, matching the rate for 1984 as a whole.

Imports of the printing and writing paper grades continued strong, with the January 1985 total 24% above its year-ago level. Imports of coated paper were 2.2 times their January 1984 total. The domestic coated paper producers are currently operating at full capacity; with the addition of over 900,000 tons of new coated paper capacity scheduled to come on stream during the 1985-1987 period, this strength in imports could weaken.

Imports of uncoated free sheet papers in January 1985, by way of contrast, were 37% below their year-ago level. Over 1.1 million tons of new capacity of this grade is scheduled to come on stream during the 1985-1987 period.

Bureau of Census data on exports of wood pulp, paper and paperboard showed each of these above their year-ago levels in January 1985. However, data from the API Pulp, Materials and Technology Group show wood pulp shipments for export from mills (Census data show shipments from ports of embarkation) 11% below their comparable total for the January-February 1985 period. The table on page 5 shows the January 1985 data. The API data show that 44% of total wood pulp exports went to Western European countries; 17% to Japan; 21% to the other Asian and African countries; 12% to Latin America and 6% to Canada and other countries.

New supply of paper, paperboard and products, computed from the January and February seasonally adjusted production rates and the January import and export totals, was at the rate of 75.4 million tons per year. This was equivalent to 45,100 tons per billion dollars of the estimated first quarter 1985 real GNP rate. This compares to the 1984 average of 45,700 tons per billion dollars of real GNP and the 44,800 tons average for the 1976-1979 period.

Continued on Page 12

Continued from Page 11

CAPITAL APPROPRIATIONS

The Conference Boards' recently released data on capital appropriations of those paper and allied products companies included in the thousand largest corporations in the United States showed the fourth quarter 1984 seasonally adjusted rate of appropriations for new plant and equipment at $2,099 million. This marked the high of a rising trend of such appropriations to a level more than twice that of the first quarter of the year. Expenditures on new plant and equipment also rose sharply in the fourth quarter of 1984, to $1.2 billion.

For 1984 as a whole, the seasonally adjusted appropriations totaled $6.4 billion; cancellations of previously-approved appropriations amounted to $0.6 billion while expenditures totaled $3.7 billion. The closing backlog of unspent appropriations was at a 3-year high of $6.0 billion, equivalent to nearly 5 quarters of expenditures at the fourth-quarter 1984 record-high level.

These data are roughly consistent with projections of expenditures on new plant and equipment published by the Department of Commerce for all paper and allied products companies. Commerce data indicate that these companies will increase their expenditures on new plant and equipment by 27% from 1984 to 1985, to a total of $8.4 billion.

However, Commerce has recently revised its historical data on these expenditures on these expenditures to conform to data published in the 1977 Census of Manufactures. The published revisions of the data for the 1947-1983 period were slightly below earlier levels, suggesting that the projected 1985 level may be a little on the high side. However, the projected increase will probably hold as published, subject to the usual revisions in the reported data.

The year-to-year performance may seem stronger than it really is. The strong upward thrust during 1984 has positioned the opening quarter of 1985 at a high level. Even a flat trend of outlays during 1985 would indicate a large year-to-year increase.